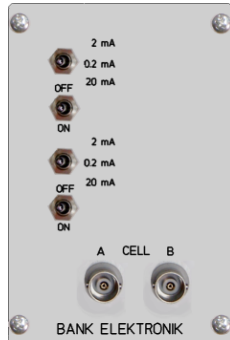


Wenking Current Sinks CS2FI and CS2VAR

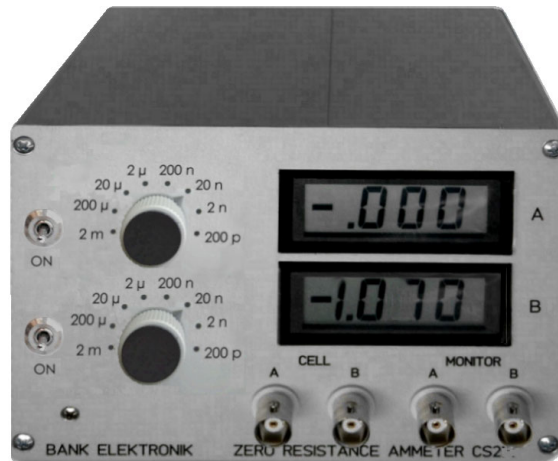
CS 2 is a zero - Resistance - Ammeter (ZRA) - or current sink system for small currents up to max. 5 mA per channel. It contains 2 sink channels.

The current passing the sinks is converted to a current - proportional signal which is fed out to the monitor terminal. Optionally, the sinks can be polarised independently up to +/- 5 V by an external control voltage, which is fed into the control input terminal.

Order info: CS2FI-x, where x specifies the maximum current in microamperes.



CS2FI without Display



CS2VAR with 2 displays

For scientific work, CS2VAR offers more versatility, the ranges covering 2 mA down to 200 pA in 8 ranges. Optionally, CS2VAR can be equipped with a control interface compatible to most A/D - D/A multifunction interface cards.

Specifications

| | |
|-----------------------------------|---|
| Polarisation range (optional) | +/- 5 V |
| Input Resistance (d.c.) | Range.2 µA: 2 Ohms 20 µA: 0,2 Ohms, 200 µA < 30 mOhms |
| Noise ref. to input | 20 µV rms (typ.) |
| Current - to - Voltage conversion | 2 V per full range current |
| Tolerance | 0,1% for ranges above 2 µA, 0.25% for ranges 20 nA and 200 nA |
| Bandwidth (unity gain) | 300 kHz |
| Phase shift | 90° (internal) |
| Bandwidth Recorder Output | 30 kHz (Range 5 mA) |

Current Ranges

| | |
|-------------|-----------------------|
| CS2FI-2000 | 2 mA / 200 µA / 20 µA |
| CS2FI - 200 | 20 µA / 20 µA / 2 µA |
| CS2FI - 20 | 20 µA / 2 µA / 200 nA |
| CS2FI - 2 | 2 µA / 200 nA / 20 nA |

| | |
|---------|--|
| CS2VAR | 2 mA / 200 µA / 20 µA / 2 µA / 200 nA / 20 nA / 2 nA / 20 pA |
| Options | Control Interface CS |

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INTELLIGENT CONTROLS

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